APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/944,335	10/06/97	BAR	SONIP150

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EXAMINER
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ART UNIT	PAPER NUMBER
2783	6

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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No. 08/944,335	**Applicant(s)** Bak et al.
Examiner David Y. Eng	**Group Art Unit** 2783

☐ Responsive to communication(s) filed on _____ .

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire ___*three*___ month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) *1-41* is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) *1-41* is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐approved ☐disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐None   of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____ .

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____ .

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- *SEE OFFICE ACTION ON THE FOLLOWING PAGES* ---

Applicants are requested to provide the serial number and to update the status of the related applications on page 1 of the specification.

Certain claims are identical. See claims 12-13, 33-34, 14, 15 for example. Applicants are requested to cancel the duplicate claims.

Claims 1-41 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Scope of limitation of the claims is not clear. The preamble calls for method steps for implementing an execution stack. However, the claim combination merely recites steps for storing two frames. No implementation of stack is seen. Further, the claims recite step for storing a pointer to a previous frame on the execution stack for a previous function when a first function calls a second function. There is no relationship between storing a previous frame for a previous function and calling of the second function by the first function. Furthermore, it is not clear how the previous frame and the previous funetion are related to the first and the second functions. No meaningful improvement is seen from the claims.

The steps recited in the dependent claims are not functionally related to the stpes in the parent claims. See claim 3 for example it appears that allocating resources is unrelated to the steps in parent claim 1 or implementing a stack. See claim 5 for more example. The step recited in claim 5 is not functionally related to claim 1.
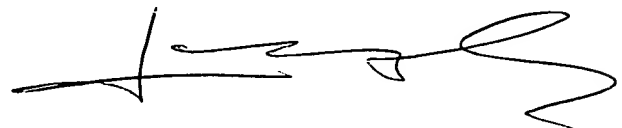
Art Unit:

Claims 7 -10 are not understood. It is not clear what actually is stored. It is not clear what is meant by "throwing the stored exception". No meaningful function is seen from the claims.

In claim 12, a computer readable medium is not part of a program. The medium should be recited in the preamble.

Claims 15-41 have similar defects set forth above.

For the reasons set forth above. No meaningful search can be made. The cited references are relevant to the extend that they are all directed to an interrupt stack for storing status information when the current program calls an interrupt subroutine such that execution can be return to the same point before interrupt. The Yellin reference (5,740,441) which is directed to a bytecode program interpreter is of particular relevant (see lines 35 et seq. of column 8, lines 55 et seq. of column 12,).

DAVID Y. ENG
PRIMARY EXAMINER